

# In the United States Patent and Trademark Office

JCS61 U.S. PTO  
09/015458  
01/29/98

Serial Number:

Appn. Filed:

Applicant(s): **ALEKSANDR L. YUFA**

Appn. Title: **"METHODS AND WIRELESS COMMUNICATING APPARATUS FOR  
PRECISE ANALYZING OF ENVIRONMENT"**

Examiner:

Group Art Unit:

Mailed: January 29, 1998

At: COLTON, CALIFORNIA

## Declaration In Support of Accompanying Petition to Make Special Reason V -- Enhancement of Environment Quality

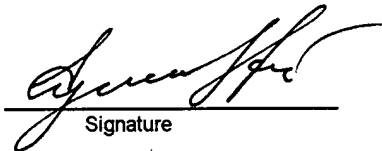
In support of the accompanying Petition to Make Special, applicant declares as follows:

1. I am the applicant in the above-identified patent application.
2. The invention of the above application will materially enhance the quality of the environment of humankind by contributing to the restoration or maintenance of the basic life-sustaining natural elements of air and water in the manner described below.
3. Specifically, the invention of the above application is an improved particle measurer and counter. It provides a more efficient, correct and sensitive counting and measuring of the particles in the air (interrupted air flow tubing trace) or water contamination (uninterrupted water /liquid/ flow tubing trace) composition. By an improved methods, an improved apparatus is able to measure and count the particles with Sensitivity essentially less than 0.1 Micron rate in comparison with the now existing devices, wick by the made Patent Search [ the Patent Search (Special Procedure) - Information Disclosure Statement /IDS/ was made and sent together with Application - see Transmittal Letter from 01.29.98. The IDS includes Form-1449 -11 pages, the Depth of the Patent Search - 8 pages. The Patent Search was made for the USA (27 yrs.) and for five /5/ leading countries: Japan (24 yrs.), Great Britain (14 yrs.), Germany (17 yrs.), Russia (25 yrs.), France (25 yrs.). For the invention of the above application: U.S. Cl. - 356/336 ( Int. Cl. - G01N 15/02), Subclass - 356/343 ( Int. Cl. - G01N 21/00), Field of Search: 356/335-343; 356/73, 246, 301, 39, 317, 318, 244, 37, 397, 436, 440-442; 250/218, 573-576, 227.11, 435, 222.2, 564; 117/65; 313/323; 88/14; 377/10, 11, 53; 372/33, 34; 73/28.01; 364/555. The Patent Search was made by Dr. Aleksandr L. Yufa (Ph.D. degree in Electronics and M.S. degree in Engineering), having twenty four /24/ foreign Patents with self-Patent Search ], Analysis and Calculation have the Sensitivity usually not exceeding 0.1 Micron rate.
4. By more efficient and authentical counting and measuring the contamination (particles) in the drinking water, can be prevented such tragedies as it was in Milwaukee in 1993 (the some information about it is attached to this Declaration).

5. I further declare that all statements made herein of my own knowledge are true and that all statements made upon information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application and any patent issuing therefrom.

Attachment: Information was received on Internet - 1 page.

Very respectfully,

  
Signature

ALEKSANDR L. YUFA  
Name

January 29, 1998  
Date

Correspondence Address:

**ALEKSANDR L. YUFA  
698 CYPRESS AVE.,  
COLTON, CA. 92324-1952  
Phone / Fax: (909) 370-4454**



96/01/30--U.S. v Pacific Scientific Company, Complaint  
UNITED STATES DISTRICT COURT  
FOR THE DISTRICT OF COLUMBIA

UNITED STATES OF AMERICA,  
Plaintiff,

v.

PACIFIC SCIENTIFIC COMPANY,  
Defendant.

Civil Action No.:

COMPLAINT

The United States of America, acting under the direction of the Attorney General of the United States, brings this civil action to obtain equitable and other relief against the defendant and alleges as follows:

1. The United States brings this antitrust case against the acquisition by Pacific Scientific Company ("Pacific Scientific") of all the outstanding shares of Met One, Inc. ("Met One").

2. Pacific Scientific and Met One compete vigorously in the manufacture and sale of drinking water particle counters; they are the leading competitors in this market. Drinking water particle counters are used by municipal water authorities to protect against contamination of public drinking water supplies by potentially deadly microorganisms. In 1993, 28 people in Milwaukee died as a result of drinking water contamination by one such microorganism -- Cryptosporidium. At the time of that tragedy, Milwaukee had not installed drinking water particle counters. Since

1993, Milwaukee has installed drinking water particle counters.

3. If the combination of these two drinking water particle counter manufacturers were permitted, competition to sell drinking water particle counters to large and small municipalities throughout the United States would be reduced substantially or eliminated. Municipalities likely would face higher prices and receive lower levels of quality and service.